



# Neutrino Physics and Machine Learning (NPML): Lightning Talks

## Wednesday, 17 June 2020

### Day 1: Afternoon: Lightning Talks (13:00 - 14:30)

-Conveners: Adam Aurisano; Jianming Bian

time	[id] title	presenter
13:00	[23] A Convolutional Neural Network for Shower Energy Reconstruction in MicroBooNE	KAMP, Nicholas
13:15	[24] Machine Learning Applications for Reactor Antineutrino Detection at PROSPECT	DELGADO, Andrea
13:30	[5] Using Convolutional Neural Network for Pulse Shape Discrimination in Liquid Argon	DAUGHHETEE, Jacob
13:45	[17] Reconstructing 10 GeV-Scale Neutrino Events in IceCube using CNNs	MICALLEF, Jessie
14:00	[8] Reconstructing Michel Electrons in ICARUS with Deep Neural Networks	DOMINE, Laura
14:15	[13] Particle Clustering in LArTPCs with Embedding Learning Convolutional Neural Networks	KOH, Dae